

**SEARCH REQUEST FORM**

Scientific and Technical Information Center

Requester's Full Name: TESFADET BOGURE Examiner #: 61293 Date: 9/26/01  
 Art Unit: 8631 Phone Number 30 5-4735 Serial Number: 091881410  
 Mail Box and Bldg/Room Location: PK2-3014 Results Format Preferred (circle): PAPER DISK E-MAIL

**If more than one search is submitted, please prioritize searches in order of need.**

\*\*\*\*\*  
 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Method and Apparatus for providing a private com. system in Public Switches  
 Inventors (please provide full names): Byron Yafuso et al.

Earliest Priority Filing Date: 1996

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Litigation Search.

5912882

09-26-01 11:28 IN

**STAFF USE ONLY**

Searcher: N. Garguier

Searcher Phone #: 6-2455

Searcher Location: ET 21-30

Date Searcher Picked Up: 9/26

Date Completed: 9/26

Searcher Prep & Review Time: 1 hr

Clerical Prep Time: 1 hr

Online Time: 5

**Type of Search**

NA Sequence (#) \_\_\_\_\_

AA Sequence (#) \_\_\_\_\_

Structure (#) \_\_\_\_\_

Bibliographic \_\_\_\_\_

Litigation X

Fulltext \_\_\_\_\_

Patent Family \_\_\_\_\_

Other \_\_\_\_\_

**Vendors and cost where applicable**

STN \_\_\_\_\_

Dialog X

Questel/Orbit X

Dr.Link \_\_\_\_\_

Lexis/Nexis X

Sequence Systems \_\_\_\_\_

WWW/Internet \_\_\_\_\_

Other (specify) \_\_\_\_\_

2/9/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat  
(c) 2001 EPO. All rts. reserv.

14708050

Basic Patent (No,Kind,Date): CA 2244929 AA 19970807 <No. of Patents: 014>

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9718487 A1 19970822

METHOD AND APPARATUS FOR PROVIDING A PRIVATE COMMUNICATION SYSTEM IN A  
PUBLIC SWITCHED TELEPHONE NETWORK (English)

Patent Assignee: QUALCOMM INC

Author (Inventor): LEKVEN ERIC J; GROB MATTHEW S; YAFUSO BYRON Y;  
ROGERS STEVEN L

Priority (No,Kind,Date): US 595566 A 19960201; WO 97US1521 W  
19970129

Applic (No,Kind,Date): AU 9718487 A 19970129

IPC: \* H04Q-007/20

Derwent WPI Acc No: \* G 97-402911

Language of Document: English

Patent (No,Kind,Date): AU 716936 B2 20000309

METHOD AND APPARATUS FOR PROVIDING A PRIVATE COMMUNICATION SYSTEM IN A  
PUBLIC SWITCHED TELEPHONE NETWORK (English)

Patent Assignee: QUALCOMM INC

Author (Inventor): LEKVEN ERIC J; GROB MATTHEW S; YAFUSO BYRON Y;  
ROGERS STEVEN L

Priority (No,Kind,Date): US 595566 A 19960201; WO 97US1521 W  
19970129

Applic (No,Kind,Date): AU 9718487 A 19970129

IPC: \* H04Q-007/20

Derwent WPI Acc No: \* G 97-402911

Language of Document: English

BRAZIL (BR)

Patent (No,Kind,Date): BR 9707264 A 19990413

PROCESSO E APARELHO PARA PROPORCIONAR UM SISTEMA DE COMUNICACAO  
PRIVADA EM UMA REDE PUBLICA DE TELEFONE (Portugese)

Patent Assignee: QUALCOMM INC (US)

Author (Inventor): GROB MATTHEW S; ROGERS STEVEN L; LEKVEN ERIC J;  
YAFUSO BYRON Y

Priority (No,Kind,Date): US 595566 A 19960201; WO 97US1521 W  
19970129

Applic (No,Kind,Date): BR 97U7264 A 19970129

IPC: \* H04Q-007/20

Derwent WPI Acc No: \* G 97-402911

Language of Document: Portugese

CANADA (CA)

Patent (No,Kind,Date): CA 2244929 AA 19970807

METHOD AND APPARATUS FOR PROVIDING A PRIVATE COMMUNICATION SYSTEM IN A  
PUBLIC SWITCHED TELEPHONE NETWORK (English; French)

Patent Assignee: QUALCOMM INC (US)

Author (Inventor): ROGERS STEVEN L (US); LEKVEN ERIC J (US); GROB  
MATTHEW S (US); YAFUSO BYRON Y (US)

Priority (No,Kind,Date): US 595566 A 19960201

Applic (No,Kind,Date): CA 2244929 A 19970129

IPC: \* H04Q-003/42; H04M-001/26

Derwent WPI Acc No: \* G 97-402911

Language of Document: English

CANADA (CA)

Legal Status (No,Type,Date,Code,Text):

CA 2244929 P 19980731 CA REFW CORRESPONDS TO PCT  
APPLICATION (ENTSPRICHT PCT ANMELDUNG)  
WO 9728658 P

CHINA (CN)

Patent (No,Kind,Date): CN 1214842 A 19990421

METHOD AND APPARATUS FOR PROVIDING PRIVATE COMMUNICATION SYSTEM IN  
PUBLIC SWITCHED TELEPHONE NETWORK (English)  
Patent Assignee: QUALCOMM INC (US)  
Author (Inventor): LEKVEN ERIC J (US); GROB MATHEW S (US); YAFUSO  
BYRON Y (US)  
Priority (No,Kind,Date): US 595566 A 19960201  
Applic (No,Kind,Date): CN 97193468 A 19970129  
IPC: \* H04Q-007/20  
Derwent WPI Acc No: \* G 97-402911  
Language of Document: Chinese

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 878103 A2 19981118  
METHOD AND APPARATUS FOR PROVIDING A PRIVATE COMMUNICATION SYSTEM IN A  
PUBLIC SWITCHED TELEPHONE NETWORK (English; French; German)  
Patent Assignee: QUALCOMM INC (US)  
Author (Inventor): LEKVEN ERIC J (US); GROB MATTHEW S (US); YAFUSO  
BYRON Y (US); ROGERS STEVEN L (US)  
Priority (No,Kind,Date): WO 97US1521 W 19970129; US 595566 A  
19960201  
Applic (No,Kind,Date): EP 97904111 A 19970129  
Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;  
IE; IT; LI; LU; MC; NL; PT; SE  
IPC: \* H04Q-007/20  
Derwent WPI Acc No: \* G 97-402911  
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):  
EP 878103 P 19960201 EP AA PRIORITY (PATENT  
APPLICATION) (PRIORITAET (PATENTANMELDUNG))  
US 595566 A 19960201  
EP 878103 P 19970129 EP AA PCT-APPLICATION  
(PCT-ANMELDUNG)  
WO 97US1521 W 19970129  
EP 878103 P 19970129 EP AE EP-APPLICATION  
(EUROPAEISCHE ANMELDUNG)  
EP 97904111 A 19970129  
EP 878103 P 19981118 EP AK DESIGNATED CONTRACTING  
STATES IN AN APPLICATION WITHOUT SEARCH  
REPORT: (IN EINER ANMELDUNG OHNE  
RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC  
NL PT SE  
EP 878103 P 19981118 EP A2 PUBLICATION OF APPLICATION  
WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER  
ANMELDUNG OHNE RECHERCHENBERICHT)  
EP 878103 P 19981118 EP 17P REQUEST FOR EXAMINATION  
FILED (PRUEFUNGSANTRAG GESTELLT)  
980825  
EP 878103 P 20000517 EP RAP1 APPLICANT REASSIGNMENT  
(CORRECTION) (ANMELDER UEBERTRAGUNG (KORR.))

QUALCOMM INCORPORATED

FINLAND (FI)

Patent (No,Kind,Date): FI 9801689 A 19980918  
FOERFARANDE OCH APPARAT FOER BILDANDE AV ETT PRIVAT  
TELEKOMMUNIKATIONSSYSTEM I ETT ALLMAENT TELEFONNAET (Swedish)  
Patent Assignee: QUALCOMM INC (US)  
Author (Inventor): LEKVEN ERIC J (US); GROB MATTHEW S (US); YAFUSO  
BYRON Y (US); ROGERS STEVEN L (US)  
Priority (No,Kind,Date): US 595566 A 19960201; WO 97US1521 W  
19970129  
Applic (No,Kind,Date): FI 981689 A 19980731  
IPC: \* H04Q  
Derwent WPI Acc No: \* G 97-402911  
Language of Document: Finnish; Swedish

Patent (No,Kind,Date): FI 9801689 A0 19980731  
FOERFARANDE OCH APPARAT FOER BILDANDE AV ETT PRIVAT  
TELEKOMMUNIKATIONSSYSTEM I ETT ALLMAENT TELEFONNAET (Swedish)  
Patent Assignee: QUALCOMM INC (US)  
Author (Inventor): LEVKEN ERIC J (US); GROB MATTHEW S (US); YAFUSO  
BYRON Y (US); ROGERS STEVEN L (US)  
Priority (No,Kind,Date): US 595566 A 19960201; WO 97US1521 W  
19970129  
Applic (No,Kind,Date): FI 981689 A 19980731  
IPC: \* H04Q  
Derwent WPI Acc No: \* G 97-402911  
Language of Document: Finnish; Swedish

FINLAND (FI)

Legal Status (No,Type,Date,Code,Text):  
FI 981689 A 19970129 FI AE New application filed (Uusi  
hakemus)  
FI 981689 A 19970129

ISRAEL (IL)

Patent (No,Kind,Date): IL 125610 A0 19990312  
METHOD AND APPARATUS FOR PROVIDING A PRIVATE COMMUNICATION SYSTEM IN A  
PUBLIC SWITCHED TELEPHONE NETWORK (English)  
Patent Assignee: QUALCOMM INC  
Priority (No,Kind,Date): US 595566 A 19960201; WO 97US1521 W  
19970129  
Applic (No,Kind,Date): IL 125610 A 19970129  
IPC: \* H04Q  
Derwent WPI Acc No: \* G 97-402911  
Language of Document: English

JAPAN (JP)

Patent (No,Kind,Date): JP 2000504182 T2 20000404  
Priority (No,Kind,Date): WO 97US1521 W 19970129; US 595566 A  
19960201  
Applic (No,Kind,Date): JP 97527825 A 19970129  
IPC: \* H04Q-007/38; H04M-003/42  
Derwent WPI Acc No: \* G 97-402911  
Language of Document: Japanese

NORWAY (NO)

Patent (No,Kind,Date): NO 9803546 A 19980930  
PRIVAT KOMMUNIKASJONSNETT INTEGRERT I ET OFFENTLIG  
TELEKOMMUNIKASJONSNETT (Norwegian)  
Patent Assignee: QUALCOMM INC (US)  
Author (Inventor): LEKVEN ERIC J (US); GROB MATTHEW S (US); YAFUSO  
BYRON Y (US); ROGERS STEVEN L (US)  
Priority (No,Kind,Date): US 595566 A 19960201; WO 97US1521 W  
19970129  
Applic (No,Kind,Date): NO 983546 A 19980731  
IPC: \* H04Q  
Derwent WPI Acc No: \* G 97-402911  
Language of Document: Norwegian  
Patent (No,Kind,Date): NO 9803546 A0 19980731  
PRIVAT KOMMUNIKASJONSNETT INTEGRERT I ET OFFENTLIG  
TELEKOMMUNIKASJONSNETT (Norwegian)  
Patent Assignee: QUALCOMM INC (US)  
Author (Inventor): LEKVEN ERIC J (US); GROB MATTHEW S (US); YAFUSO  
BYRON Y (US); ROGERS STEVEN L (US)  
Priority (No,Kind,Date): US 595566 A 19960201; WO 97US1521 W  
19970129  
Applic (No,Kind,Date): NO 983546 A 19980731  
IPC: \* H04Q  
Derwent WPI Acc No: \* G 97-402911  
Language of Document: Norwegian

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5912882 A 19990615  
METHOD AND APPARATUS FOR PROVIDING A PRIVATE COMMUNICATION SYSTEM IN A  
PUBLIC SWITCHED TELEPHONE NETWORK (English)

Patent Assignee: QUALCOMM INC (US)  
Author (Inventor): YAFUSO BYRON Y (US); GROB MATTHEW S (US); LEKVEN  
ERIC J (US); ROGERS STEVEN L (US)  
Priority (No,Kind,Date): US 595566 A 19960201  
Applic (No,Kind,Date): US 595566 A 19960201  
National Class: \* 370270000; 370441000; 379202000  
IPC: \* H04L-012/18  
Derwent WPI Acc No: \* G 97-402911  
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5912882 P 19960201 US AE APPLICATION DATA (PATENT)  
(APPL. DATA (PATENT))  
US 595566 A 19960201  
US 5912882 P 19960201 US AS02 ASSIGNMENT OF ASSIGNOR'S  
INTEREST  
QUALCOMM INCORPORATED 6455 LUSK BOULEVARD SAN  
DIEGO, CALIFORNIA 92121 ; LEKVEN, ERIC J. :  
19960201; GROB, MATTHEW S. : 19960201;  
YAFUSO, BYRON Y. : 19960201; ROGERS, STEVEN  
L. : 19960201  
US 5912882 P 19990615 US A PATENT

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9728658 A2 19970807

METHOD AND APPARATUS FOR PROVIDING A PRIVATE COMMUNICATION SYSTEM IN A  
PUBLIC SWITCHED TELEPHONE NETWORK (English)

Patent Assignee: QUALCOMM INC (US)

Author (Inventor): LEKVEN ERIC J; GROB MATTHEW S; YAFUSO BYRON Y;  
ROGERS STEVEN L

Priority (No,Kind,Date): US 595566 A 19960201

Applic (No,Kind,Date): WO 97US1521 A 19970129

Designated States: (National) AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY;  
CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; HU; IL; IS; JP; KE;  
KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX;  
NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; TJ; TM; TR; TT; UA; UG;  
UZ; VN; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM (Regional) KE; LS; MW;  
SD; SZ; UG; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;  
NL; PT; SE; BF; BJ; CF; CG; CI

Filing Details: WO 300000 Without international search report and to  
be republished upon receipt of that report

IPC: \* H04Q-007/20

Derwent WPI Acc No: \* G 97-402911; G 97-402911

Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No,Type,Date,Code,Text):

WO 9728658 P 19960201 WO AA PRIORITY (PATENT)  
US 595566 A 19960201  
WO 9728658 P 19970129 WO AE APPLICATION DATA (APPL.  
DATA)  
WO 97US1521 A 19970129  
WO 9728658 P 19970807 WO AK DESIGNATED STATES CITED IN A  
PUBLISHED APPLICATION WITHOUT SEARCH REPORT  
(DESIGNATED STATES CITED IN A PUBLISHED APPL.  
WITHOUT SEARCH REPORT)  
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ  
DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO  
NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA  
UG UZ VN AM AZ BY KG KZ MD RU TJ TM  
WO 9728658 P 19970807 WO AL DESIGNATED COUNTRIES FOR  
REGIONAL PATENTS CITED IN A PUBLISHED  
APPLICATION WITHOUT SEARCH REPORT  
(DESIGNATED COUNTRIES FOR REGIONAL PATENTS  
CITED IN A PUBLISHED APPL. WITHOUT SEARCH  
REPORT)  
KE LS MW SD SZ UG AT BE CH DE DK ES FI FR GB

			GR IE IT LU MC NL PT SE BF BJ CF CG CI
WO 9728658	P	19970807	WO A2 PUBLICATION OF THE INTERNATIONAL APPLICATION WITHOUT THE INTERNATIONAL SEARCH REPORT (PUB. OF THE INTERNATIONAL APPL. WITHOUT THE INTERNATIONAL SEARCH REPORT)
WO 9728658	P	19971029	WO 121 EP: PCT APP. ART. 158 (1) (EP: PCT ANM. ART. 158 (1))
WO 9728658	P	19971218	WO DFPE REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE
WO 9728658	P	19980731	WO ENP ENTRY INTO THE NATIONAL PHASE IN: CA 2244929 AA
WO 9728658	P	19981203	DE 8642/REG WITHDRAWAL (ZURUECKNAHME)

LEVEL 1 1 OF 1 PATENT

5,912,882

LEXIS-NEXIS  
Library: PATENT  
File: ALL

<=2> GET 1st DRAWING SHEET OF 8

Jun. 15, 1999

Method and apparatus for providing a private communication  
system in a public switched telephone network

CORE TERMS: network, user, telephone, manager, channel, controller, modem,  
active member, private communication, vocoder...

5912882 OR 5,912,882

LEWIS-NEXIS  
Library: PATENT  
File: CASES

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.



5912882 OR 5,912,882

LEXIS-NEXIS  
Library: PATENT  
File: JNLS

Your search request has found no ITEMS.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5912882 OR 5,912,882

**LEXIS-NEXIS**  
**Library: NEWS**  
**File: CURNWS**

Your search request has found no STORIES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

1/1 LGST (1/1) - (C) LEGSTAT  
PN - US 5912882 [US5912882]  
AP - US 595566/96 19960201 [1996US-0595566]  
DT - US-P  
ACT - 19960201 US/AE-A  
APPLICATION DATA (PATENT)  
{US 595566/96 19960201 [1996US-0595566]}  
- 19960201 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
QUALCOMM INCORPORATED 6455 LUSK BOULEVARD SAN DIEGO, CALIFORNIA 92121  
\* LEKVEN, ERIC J. : 19960201; GROB, MATTHEW S. : 19960201; YAFUSO,  
BYRON Y. : 19960201; ROGERS, STEVEN L. : 19960201  
- 19990615 US/A  
PATENT  
UP - 2000-03